Printer and Network Connectors

- Printer Connector
  1 x Centronics (IEEE1284A, 25 pin Centronics Connector, 1284.4 compatible)
  1 x USB 2.0 HS (Type A Connector, USB 2.0 compatible, expandable to 4 ports)
- Network Connection (logical)
  IEEE 802.11b/g
- Network Connection (physical)
  WLAN Module

Configuration and Management

- InterCon-NetTool
  Microsoft Windows (95, 98, Me, NT 4.x, 2000, XP, Server 2003, Vista)
  Linux (RPM based installation)
  Macintosh (MAC OS 10.x)
- Printer Wizard (Printer Installation Assistant)
  Microsoft Windows (95, 98, Me, NT 4.x, 2000, XP, Server 2003, Vista)
- SEH UTN Manager (USB-To-Network)
  Microsoft Windows (XP, Vista, Windows7)
- Internal Printserver WEB (Monitoring, Configuration, Administration, Firmware Update)
  Minimum Browser Requirement Microsoft Internet Explorer 4.0
  Netscape 4.76 or higher
- HP Tools (Compatibility / Support)
  HP WebJetAdmin
  HP JetAdmin
  HP Install Network Printer Wizard
- EPSON Tools (Compatibility / Support)
  EpsonNet WinAssist
  EpsonNet MacAssist
  EpsonNet WebAssist
  EpsonNet WebManager
  EpsonNet DirectPrint (LPR)
  EpsonNet InternetPrint (IPP)
- Kyocera Tools (Compatibility / Support)
  KPM
- FTP
- SNMP (Monitoring, Configuration, Administration, Firmware Update)
  SNMP-MIB II compatible, SEH private enterprise MIB
- Apple virtual printer
- Bonjour

Supported Operating Systems

- Microsoft Windows
  95
  98
  Me
  NT 3.x
  NT 4.x
  XP
  2003 Server
  2008 Server
  Vista
  Windows7
- Apple Macintosh

  Mac OS 7.x
  MAC OS 8.x
  MAC OS 9.x
  MAC OS 10.x
- Novell NetWare
  NetWare 3.x
  NetWare 4.x
  NetWare 5.x
  NetWare 6.x
- Systems with TCP/IP Support
  Linux Systems
  System V Systems (SCO, SunOS 5, IBM AIX, HP-UX, Reliant UNIX 5.x, ...)
  BSD Systems (BSD 4.x, SunOS4, ...)
  IBM Systems (OS390/400, ...)

Supported Protocols

- TCP/IP
  DHCP, BootP, ARP, IPv4, IPv6, IPv6 / TCP, IPv6 / ICMP, IPv6 / FTP, IPv6 / FTPs, IPv6 / TFTP, IPv6 / HTTP, HTTPs, IPv6 / SSL, TLS, TCP, IPv6 / Raw TCP, UDP, ICMP, IGMP, FTP, FTPs, TFTP, LPD, HTTP, HTTPs, ZeroConf, DNS, SLP, SNMPv1, SNTP, SMTP, POP3, SSL/TLS, IPPv1.0, IPPv1.1, Raw TCP, Apple Bonjour (ZeroConf, mDNS, DNS service discovery, ...) compatible
- AppleTalk (EtherTalk/TokenTalk)
  AARP, RTMP, ADSP, ATP, NBP, ZIP, ATSP, PAP, DDP, BCP1, BCP2, TBCP
- NetWare
  IPX, SPX, SPX2, SAP, SNAP, NCP, NCP Burst Mode, NDS, NDPS, PureIP, RIP, Bindery, R/N Printer
- Windows
  SMB/CIFS (NetBIOS over TCP/IP), WINS

Printing Protocols and Methods

- Socketprinting / Raw TCP
- LPR/LPD printing
- IPP v1.1 printing
- AppleTalk printing
- HTTP printing (encrypted and un-encrypted)
- HTTP printing (beyond Proxy Server / Internet printing)
- ThinPrint printing
  ThinPrint SSL printing
- FTP printing

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- NetBIOS printing
- Novell iPrint (LPR and IPP)
- NDPS printing (IP/IPX)
- Bindery printing
- R/N printing
- POP3 printing
- Bonjour printing service
- KonicaMinolta GDI

Security

- SSL 3.0
- TLS 1.0
- WPA / WPA2 encryption
- WEP 40/64 bit
- WEP 104/128 bit
- HTTPs
- 802.1X
  WPA/WPA2 (Personal/Enterprise Mode)
  EAP-MD5 Authentication
  EAP-TLS Authentication
  EAP-TTLS Authentication
  EAP-FAST Authentication
  EAP-PEAP Authentication
  Cisco EAP (LEAP) Authentication
- IPsender protection ("user access list")
- Access control
- Certificate Management
  Self signed Certificate
  Certificate request
  Root Certificate
- Password Protection
- NetWare Packet Signature Level 1,2,3

Supported Languages

- English
- German
- French
- Spanish
- Italian
- Portuguese
- Japanese
- Corean
- Chinese (traditional)
- Chinese (simplified)

Technical Data

- Printer Connector
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  1 x USB 2.0 HS (Type A Connector, USB 2.0 compatible, expandable to 4 ports)
- Network Connection (logical)
  IEEE 802.11g
- Network Connection (physical)
  WLAN Module
- Tests (Notifications)
  CE: EN55022 Class B, EN55024
  FCC Class A
  CE (!)
  C-Tick
  WEEE (B-to-C)
  RoHS
- Operating Environment
  Ambient temperature 5 - 40 °C
  Relative humidity: 20 - 80 %
  Indoor use only
- Hardware
  4MB Flash
  16MB RAM
  MIPS based RISC Processor / 170 Mhz
- Power Supply
  external Power Supply (Output: 5V,2A; Input: 100-240V~)
- Dimensions (Length, Width, Height)
  117 x 70 x 151 mm
- Weight
  370 g

Package

- Installation Manual
- Software Quick Reference
- Product CD
- Power Supply

Order Numbers

- M04310 (Euro)
- M04311 (UK)

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